

## SECTION 06670

### PVC BOARD FABRICATIONS

#### PART 1 - GENERAL

##### 1.1 SUMMARY

- A. Section Includes: Bead boards, trim, and trim boards, siding, fence boards, and decorative brackets. Exterior hardwood or softwood lumber trim is not an acceptable substitution.
- B. Related Sections include the following:
  - 1. Section 07460 – Fiber Cement Board Panels: Exterior siding.
  - 2. Section 07600 - Sheet Metal Flashing and Trim: Flashing, gutters, and other sheet metal work.

##### 1.2 SUBMITTALS

- A. General: Submit following items in accordance with Division 1.
- B. Product Data: For each type of product specified. Include identification of materials; dimensions of individual components; installation instructions; and available profiles, textures, and colors.
- C. Samples for Verification: Full-size units of each type of panel and trim indicated; in sets for each color, texture, and pattern specified.

##### 1.3 QUALITY ASSURANCE

- A. Source Limitations for Paneling and Accessories: Obtain each type of paneling, trim board, and related accessories from one source with resources to provide products of consistent quality in appearance and physical properties without delaying the Work.

##### 1.4 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials to Project site in manufacturer's unopened packages or bundles with labels intact.
- B. Store materials in a dry, well-ventilated, weather tight place. Comply with manufacturers written instructions for storage, handling, and protection.

##### 1.5 PROJECT CONDITIONS

- A. Weather Limitations: Proceed with panel installation only if existing and forecasted weather conditions permit panels to be installed according to manufacturer's written instructions and if substrate is completely dry.

##### 1.6 EXTRA MATERIALS

- A. Furnish extra materials described below that match products installed, are packaged with protective covering for storage, and are identified with labels describing contents. Furnish full lengths of paneling in a quantity equal to 2 percent of amount installed.

#### PART 2 - PRODUCTS

##### 2.1 PVC FABRICATIONS

Lansdowne Public Safety Center  
Loudoun County, Virginia

06670-1

PVC Board Fabrications  
Hughes Group Architects, Inc.

- A. Acceptable Products and Manufacturer: AZEK Trimboards, Vycom Corporation, Moosic, PA. Or approved substitute.
- B. Material: Expanded rigid poly vinyl chloride material with a small-cell microstructure and density of 0.55 grams/cm<sup>3</sup>.
  - 1. Profiles and Sizes: As indicated on Drawings.
  - 2. Texture: Smooth.
  - 3. Finish: Factory primed for field finishing.

## 2.2 ACCESSORIES

- A. Underlayment: Plywood sheathing, refer to Structural Drawings.
- B. Fasteners: Stainless steel or galvanized, in sufficient length to penetrate substrate. Countersink fasteners to be flush.
- C. Adhesive: Manufacturer's recommended, solvent or latex based adhesive systems.
  - 1. Test adhesive for compatibility with substrate prior to installation.
- D. Flashing: Comply with requirements of Section 07600 - Sheet Metal Flashing and Trim for flashing materials installed in finish carpentry.
- E. Sealants: Manufacturer's recommended urethane, polyurethane, or acrylic based sealants without silicone.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Examine substrates for compliance with manufacturer's requirements for substrates, installation tolerances, and other conditions affecting performance of panels. Do not proceed with installation until unsatisfactory conditions have been corrected.

### 3.2 PREPARATION

- A. Clean substrates of projections and substances detrimental to application.
- B. Coordinate installation with flashings and other adjoining construction.

### 3.3 INSTALLATION

- A. Comply with manufacturer's written installation instructions applicable to products and applications indicated, unless more stringent requirements apply.
- B. Expansion and Contraction: Allow for 1/8 inch movement for each 18 feet of board.
- C. Butt Joints: Glue butt joints with PVC cement.
- D. Align exposed fasteners for a uniform appearance.
- E. No exposed joints except where detailed.
- F. Apply finish coatings as specified in Section 09900.

3.4 ADJUSTING AND CLEANING

- A. Remove and replace damaged, improperly installed, or otherwise defective paneling materials with new materials complying with specified requirements.
- B. Clean finished surfaces according to paneling manufacturer's written instructions and maintain in a clean condition during construction.

**END OF SECTION**